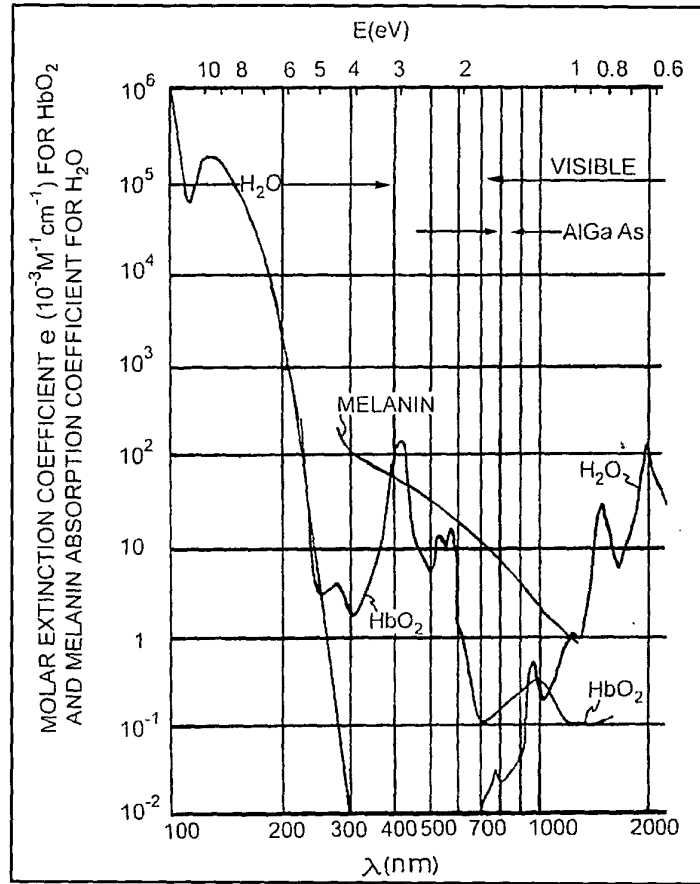


**Plot indicating the absorption versus wavelength of tissue components**  
(Source: Lasers in Medical Science Vol. 1, (1986), pp. 47-66)



**Fig. 1**  
**Prior Art**

Table 4.1 Wavelength and approximate penetration depth in tissues		
Wavelength in nm		Depth of penetration in mm
Ultra-violet	150-380	< 0.1 mm
Violet to deep blue	390-470	approx. 0.3 mm
Blue to green	475-545	approx. 0.3-0.5 mm
Yellow to orange	545-600	approx. 0.5-1 mm
Red	600-650	approx. 1-2 mm
Deep red to near infra-red	650-1000	2-3 mm
Near to mid infra-red	1000-1350	3-5 mm
Infra-red	1350-12000	< 0.1 mm

(Source: )

Fig. 2  
Prior Art